

IN THE CLAIMS

Please amend the claims as follows.

1. (Previously Presented) A connector, comprising:
at least one connector port in the connector to supply power or establish communications to a printed circuit board;
at least one connector lead to connect the at least one connector port to the printed circuit board; and
at least one positive thermal coefficient switch that is part of the connector on an exposed exterior surface of the connector between the at least one connector port and the at least one connector lead to cut off communications or power and protect at least one circuit in the printed circuit board.
2. (Previously Presented) The connector of claim 1, wherein the at least one positive thermal coefficient switch is an axial leaded positive thermal coefficient switch embedded within the exposed exterior surface of the connector.
3. (Previously Presented) The connector of claim 1, wherein the at least one positive thermal coefficient switch is a surface mounted positive thermal coefficient switch mounted on the exposed exterior surface of the connector.
4. (Previously Presented) The connector of claim 3, wherein the at least one connector lead connected to the at least one connector port is connected to at least one lead/trace embedded in or mounted on the printed circuit board.
5. (Previously Presented) The connector of claim 1, wherein the at least one connector lead connected to the at least one connector port is connected to at least one trace/lead embedded in or mounted on the printed circuit board.

6-7. (Cancelled)

8. (Previously Presented) A connector, comprising:
at least one connector port in the connector to supply power or establish communications to a printed circuit board;
a plurality of connector leads to connect the at least one connector port to the printed circuit board; and
a plurality of positive thermal coefficient switches that are part of the connector on an exposed exterior surface of the connector between the at least one connector port and the plurality of connector leads to cut off communications or power and protect at least one circuit in the printed circuit board.

9. (Previously Presented) The connector of claim 8, wherein a single connector lead of the plurality of connector leads is connected to a positive thermal coefficient switch of the plurality of positive thermal coefficient switches and is connected to a lead/trace contained within the printed circuit board and is connected to the at least one circuit in the printed circuit board.

10. (Previously Presented) The connector of claim 9, wherein the plurality of positive thermal coefficient switches are a plurality of axial leaded positive thermal coefficient switches embedded within the exposed exterior surface of the connector.

11. (Previously Presented) The connector of claim 9, wherein the plurality of positive thermal coefficient switches are a plurality of surface mounted positive thermal coefficient switches mounted on the exposed exterior surface of the connector.

12. (Previously Presented) The connector of claim 9, wherein the at least one connector port is a plurality of connector ports.

13. (Previously Presented) A connector, comprising:

at least one connector port in the connector to supply power or establish communications to a printed circuit board;

a plurality of connector leads to connect the at least one connector port to the printed circuit board; and

a plurality of positive thermal coefficient switches that are part of the connector on an exposed exterior surface of the connector between the at least one connector port and the plurality of connector leads to cut off communications or power and protect at least one circuit in the printed circuit board, wherein a single connector lead of the plurality of connector leads is connected to a positive thermal coefficient switch of the plurality of positive thermal coefficient switches and is connected to a lead/trace contained within the printed circuit board and is connected to the at least one circuit in the printed circuit board.

14. (Previously Presented) The connector of claim 13, wherein the plurality of positive thermal coefficient switches are a plurality of axial leaded positive thermal coefficient switches embedded within the exposed exterior surface of the connector.

15. (Previously Presented) The connector of claim 13, wherein the plurality of positive thermal coefficient switches are a plurality of surface mounted positive thermal coefficient switches mounted on the exposed exterior surface of the connector.

16. (Currently Amended) A connector comprising:

at least one connector port in the connector to supply power or establish communications to a printed circuit board;

a connector lead to connect the at least one connector port to a lead/trace of the printed circuit board; and

a positive thermal coefficient switch that is part of the connector on an exposed exterior surface of the connector between the at least one connector port and the connector lead to cut off communications or power and protect at least one circuit in the printed circuit board.

17. (Previously Presented) The connector of claim 16, wherein the positive thermal coefficient switch is an axial leaded positive thermal coefficient switch embedded within the connector.

18. (Previously Presented) The connector of claim 16, wherein the positive thermal coefficient switch is a surface mounted positive thermal coefficient switch mounted on the connector.